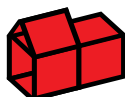




*Performance is pushing limits*

**IKO** enertherm<sup>®</sup>  
INSULATION



A SOLUTION FOR ANY APPLICATION



*IKO enertherm continually invests in product improvements. In our research department, we constantly work on developing the insulation of the future.*



# IKO Insulations

## A global player in PIR insulation



## IKO GROUP

IKO Insulations is part of the international IKO Group. With production sites in Canada, the USA, the UK, Belgium, the Netherlands, France and Slovakia, and more than 3,000 employees and distribution channels worldwide, the IKO Group is a leading manufacturer of roofing, waterproofing and insulation.

## State-of-the-art production

Within the IKO Group, IKO Insulations develops, produces and distributes innovative PIR (Polyisocyanurate) based insulation products under the IKO enertherm brand. Manufacturing in Europe is centred in two state-of-the-art factories, one in the Netherlands (Klundert) and one in France (Clermont-Ferrand). With their combination of intelligent production processes, highly trained personnel and a focus on durability, these two sites are considered to be the future benchmark in the sector.

## Research & Development Pushing limits

The demand for high performance insulation products for the construction industry is increasing all the time. To meet this demand, IKO Insulations continually invests in Research & Development in order to create ground-breaking products in terms of energy performance and insulation value.

Producing a pioneering, high quality product requires a careful balancing act in which materials, shape, properties and technology are seamlessly matched to each other according to the final application. That is what makes IKO Insulations stand out.



## Growth strategy

*Performance at the highest level*



## IKO Insulations Group

### **IKO CANADA**

#### Brampton, Ontario

The first insulation plant of the IKO Insulations Group was commissioned in 1999. This site – a pioneer in insulation production – developed and optimised the PIR technology.

#### High River, Alberta

A new production site was commissioned in High River in 2005. This plant had to provide an answer to the logistic and transport challenges associated with the market for insulation products, which had expanded in the meantime.

### **IKO EUROPE**

#### Klundert, the Netherlands

The IKO plant for PIR production in Klundert, the Netherlands, was commissioned in 2006. It comprises a state-of-the-art production line that employs the latest technology and chemistry to manufacture different types of IKO enertherm boards in various dimensions, depending on the application.

#### Combronde, France

The production plant in Combronde, France, was commissioned at the start of 2014. Like the factory in the Netherlands, it employs the most advanced production processes, with a specific focus on ecology and sustainability.

The introduction of this second production unit in Europe is part of IKO Insulations' growth strategy in Europe.



## IKO enertherm and top sports



### *“Performing means pushing limits ”*

As a strong brand in PIR insulation, IKO enertherm communicates its strengths to the outside world in a coherent fashion: technology, ecology and quality.

Continually pushing the boundaries with respect to insulation value and energy management, and the coordination of all the factors that contribute to top level performance is similar to the approach taken by elite athletes.

## Maximising assets

Top athletes also have to continually push the limits of their ability, i.e. better times, better condition, more objectives, improved techniques, etc. Their top level performance is not only achieved through intensive training, but also by managing their diet, maintaining a mental focus, using top quality materials, continually refining their technique, developing their strength ... to put it in a nutshell, total commitment of their body, mind and material to achieve the top class performance and to measure themselves against their competitors.

In a similar manner, IKO enertherm continually extends the limits of its products. Continuous Research & Development ensures that our PIR boards constantly achieve better Lambda values in relation to their thickness, which makes it possible to produce thinner insulation boards with the same insulation value. The end result is not only related to these figures, however, but is also achieved through the balanced coordination of all the factors that define optimum insulation.

IKO enertherm also has to combine its materials, technology and specific properties to form a winning concept. The aim is to attain the right combination of materials, properties, shape, thickness and energy performance as a function of the challenge, i.e. the actual application on the inside or outside of a building.

IKO Insulations uses the sports metaphor to market its IKO enertherm PIR insulation boards in a coherent and inspirational way and, using different channels, to communicate the relevant information to legislators, installers, construction clients, DIY-ers and the general public.



*Contributing to a sustainable environment*







## Reduction of energy consumption

High performance insulation for residential, office and other buildings is the most direct and efficient solution for reducing energy consumption.

Reduced energy consumption lowers CO<sub>2</sub> emissions, which are responsible for climate change. Effective insulation thereby makes a positive contribution to the environment.

## Highest efficiency per m<sup>2</sup>

Because of its excellent Lambda value, IKO enertherm PIR insulation is a very thin insulation plate with a high insulation value. The low weight and limited volume translate into a reduction of transport/handling costs and CO<sub>2</sub> emissions.

## Durable insulation

Because of their special properties (humidity and mould resistant, dimensional stability), IKO enertherm insulation boards have an exceptionally long service life and maintain their energy performance.

## Renewable resources

The proportion of renewable resources is considerable, including the use of recycled PET bottles in the PIR insulation production process.

## No waste

Milling and sawing waste from the IKO enertherm insulation production process is processed into briquettes that are used as a concrete additive.

## Distribution of production sites

The IKO Insulations growth strategy is based on the geographical spread of production sites. With this new insulation plant, IKO is able to reduce transport distances and thereby make a substantial contribution in terms of the ecological footprint.





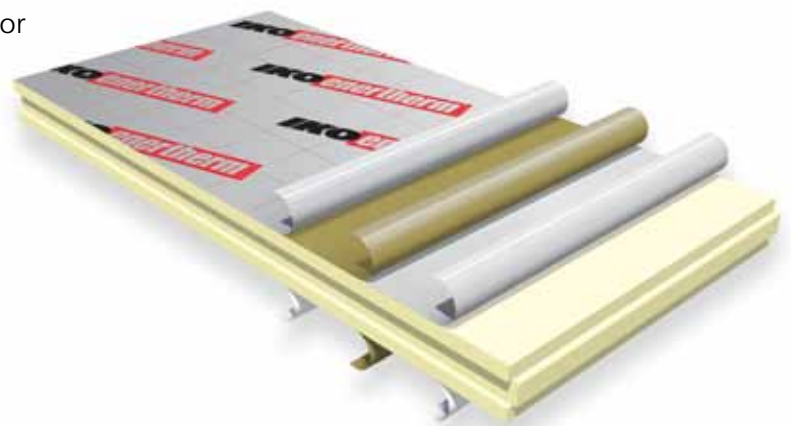
## IKO enertherm A solution for any application



- 
**IKO enertherm rooftop:**  
flat roofs
- 
**IKO enertherm comfort:**  
retrofit-insulation of sloping roofs, internal
- 
**IKO enertherm sarking:**  
retrofit-insulation of sloping roofs, exterior
- 
**IKO enertherm floor:**  
floors
- 
**IKO enertherm wall:**  
cavity walls
- 
**IKO enertherm wrap:**  
rainscreen cladding systems
- 
**IKO enertherm base:**  
basements

## IKO enertherm quality

Because of its specific composition, IKO enertherm offers a number of characteristics that are superior to other hard foam insulation boards. This makes IKO enertherm the most energy efficient insulation with the longest service life, without loss of its insulating qualities.





# **IKO** enertherm<sup>®</sup>

**INSULATION**



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